

DECLARATION AND POWER OF ATTORNEY - PATENT APPLICATION

As below named inventors, we hereby declare: that our citizenship, residence and post office addresses are as stated below; that we verily believe we are the original, first and sole joint inventors of the invention entitled: HIGH CAPACITY BROADBAND CELLULAR/PCS BASE STATION USING A PHASED ARRAY ANTENNA the specification of which

(check one) X is attached hereto  
\_\_\_\_\_ was filed on \_\_\_\_\_ as  
Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable)

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). We hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) Priority Claimed

(Number)	(Country)	(Day/Month/Year)	Yes	No
(Number)	(Country)	(Day/Month/Year)	Yes	No

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing

I hereby certify that this document is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. Section 1.10 and addressed to the Hon. Commissioner of Patents and Trademarks, Washington, D.C. 20231  
Date: 8/24/98 By: J. Miller  
Express Mail No: 950232170024S

date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

APPLICATION NO(S):

FILING DATE

_____ / _____	_____
_____ / _____	_____

We hereby appoint as principal attorneys:

Charles E. Wands, Reg. No. 25,649; Leslie J. Hart, Reg. No. 26,462; Harry M. Fleck, Reg. No. 24,704; John L. DeAngelis, Reg. No. 30,622; Ferdinand M. Romano, Reg. No. 32,752; Joel I. Rosenblatt, Reg. No. 26,025; Daniel J. Staudt, Reg. No. 34,733; Frederick R. Jorgenson, Reg. No. 38,196; Harry L. Deffebach, III, Reg. No. 37,605; Dennis L. Cook, Reg. No. 30,826 and Bidyut K. Niyogi, Reg. No. 27,071.

to prosecute and transact all business in the Patent and Trademark Office connected with this application and any related United States and international applications. Please direct all communications to the following address:

Law Offices of Charles E. Wands  
5240 Babcock Street, NE, Ste. 211  
Palm Bay, Florida 32905  
Phone No.: (407) 725-4760  
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We hereby declare that all statements made herein are of our own knowledge and true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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15 August 1998  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

INVENTOR:  
Citizenship:  
Post Office Address:

Residence:

8/18/98  
Date

INVENTOR:  
Citizenship:  
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Date: 8/24/98 By: J. W. Williams  
Express Mail No: EM463217682US

Attorney Docket No. 118/35611

PATENT

**ASSIGNMENT OF PATENT RIGHTS**

(For United States and All Foreign Countries)

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as below named inventor(s), I/we hereby sell and assign to Harris Corporation (hereinafter "ASSIGNEE") its successors and assigns or other legal representatives, all of my/our right, title and interest, in and for the United States of America, in and to said invention entitled: **HIGH CAPACITY BROADBAND CELLULAR/PCS BASE STATION USING A PHASED ARRAY ANTENNA** invented by me/us and described in this application for United States Letters Patent therefor, executed by me/us on even date herewith, and all United States Letters Patents which may be granted therefor, and all divisions, continuations, and extensions thereof, as well as any patents which may be applied for in any other countries, the said interest being all of the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said ASSIGNEE, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made.

And I/we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application and any corresponding foreign applications or international applications that may be filed, or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, revived or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said ASSIGNEE.

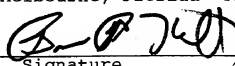
And I/we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said ASSIGNEE.

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18 August 1998  
Date

  
Signature

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**BRIAN P. HOLT, ROBERT C. HILDEBRAND AND  
JULIAN BARTOW WILLINGHAM**

2. Name and address of receiving party(ies):

Name: **HARRIS CORPORATION**

Address: **1025 W. NASA BLVD.**

Additional names(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

City: **MELBOURNE** State/Prov.: **FL**

Country: **US** ZIP: **32919**

Execution Date: **AUGUST 18, 1998**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: **AUGUST 18, 1998**

Patent Application No. \_\_\_\_\_ Filing date \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **LAW OFFICE OF CHARLES E. WANDS**

Registration No. **25,649**

Address: **5240 BABCOCK STREET NE, STE. 211**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

- ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
☐ Authorized to be charged to deposit account

City: **PALM BAY** State/Prov.: **FL**

Country: **US** ZIP: **32905**

8. Deposit account number:

**23-0385**

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**CHARLES E. WANDS**

**AUGUST 24, 1998**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **3**